

19971216.qrp v00_n941.qrs.971216

Date: Tue, 16 Dec 1997 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 941

QRP-L Digest 941

Topics covered in this issue include:

- 1) [32864] Re: Oak Hills comments/corrections
by "Ron Smith" <resmith@primenet.com>
- 2) [32865] Alternate Antennas
by Johnny Knight <kf4nj@gte.net>
- 3) [32866] Thanks and another antenna question
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 4) [32867] 38S Cust Encl. Take Ride/Rainbow Enclosure!!
by doug hauff <slmachco@fix.net>
- 5) [32868] Re: Allen Wrench - NorCal Paddles
by nilsbull@juno.com
- 6) [32869] Learning curves, polished metal & Yolandita Monge
by nilsbull@juno.com
- 7) [32870] HB: The Mongrel
by sigcom@juno.com (Stephen M Smith)
- 8) [32871] Re: FOX N/T Monday
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 9) [32872] Re: GAP Antennas-Continued
by randyh@harksystems.com
- 10) [32873] Dan's and EMTECH NW8020 differences?
by ddonald@sprintmail.com
- 11) [32874] SSB Sprinters
by camqrp@cyberg8t.com (Cam Hartford)
- 12) [32875] New Novice/Tech+ Sprnt
by camqrp@cyberg8t.com (Cam Hartford)
- 13) [32876] Joy of QRP
by George Gingell <k3tks@u1.abs.net>
- 14) [32877] Re: SSB Sprinters
by "George T. Baker" <w5yr@swbell.net>
- 15) [32878] 0dbv ?
by George Gingell <k3tks@u1.abs.net>
- 16) [32879] New Novice/Tech+ Sprnt
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 17) [32880] Fox 12/18/97 W3CV
by Scott Bauer <ke3nv@erols.com>
- 18) [32881] Re: New Novice/Tech+ Sprnt
by Joe Gervais <vole@primenet.com>
- 19) [32882] Re: Armadillo Chase Results

- by Joe Gervais <vole@primenet.com>
- 20) [32883] Re: 38S Cust Encl. Take Ride/Rainbow Enclosure!!
by "Phil, K6LS" <k6ls@prolynx.com>
- 21) [32884] Re: GAP Antennas-Continued
by Ken Lopez <kjlopez@earthlink.net>
- 22) [32885] December "NWQ" Now on Line
by Bill Todd <bill@techline.com>
- 23) [32886] SBL-mixer source needed
by "Erkki Sadrak" <erkki@emt.ee>
- 24) [32887] Re: HW-8 has a bad case of the nots
by k5zty@juno.com
- 25) [32888] Re: GAP Antennas-Continued
by "Bob Fox" <aa8yo@tir.com>
- 26) [32889] 10 Meter Contest + N/T Fox
by Steve Slavsky <sslavsky@CapAccess.org>
- 27) [32890] Re: NW8020 Filter
by K5BDZ <K5BDZ@aol.com>
- 28) [32891] ARRL 10M KØFRP
by A1KØFRP <A1KØFRP@aol.com>
- 29) [32892] Snowshoe Run Report
by Ken Newman <n2cq@comten.com>
- 30) [32893] OHR-100/LZ1LZ
by "Jeff M. Gold" <jgold@tntech.edu>
- 31) [32894] 1955 Handbook
by Chuck Carpenter <w5usj@webwide.net>
- 32) [32895] Titan Guys
by Tom Moll <tomm@xata.com>
- 33) [32896] Re: Off the wall antenna question...
by Michael Maiorana <mikemo@ibm.net>
- 34) [32897] SSB Sprinters: Thanks, Cam!
by "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
- 35) [32898] Re: New Novice/Tech+ Sprint
by Niel Skousen <nskousen@scientechnet.com>
- 36) [32899] UNSUSCRIBE QRP-L
by jmori@labyrinth.net (joyce mori)
- 37) [32900] FOX: NØGLM resched again
by "Buck, Preston D" <BuckPD@corning.com>
- 38) [32901] QSL Info Needed for 6V1C
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 39) [32902] PixieII Plans & Film SOLD OUT!
by fmathews@norfolk.infi.net (Frank Matthews)
- 40) [32903] RE: GAP Verticals
by Larry East <w1hue@amsat.org>
- 41) [32904] FOX Hunt (G/A/E) 19 Dec
by Tim Pettibone <tpettibo@NMSU.Edu>
- 42) [32905] Vertical Antenna modeling needed!
by "Claton Cadmus" <aplitech@Spacestar.Net>
- 43) [32906] QSLs and good will

by "Michael A. Gipe" <mgipe@reliablemeters.com>
44) [32907] Hints on viewing Dec "NWQ" Newsletter
by Bill Todd <bill@techline.com>
45) [32908] Software
by R Wilkerson <richqrp@home.com>
46) [32909] RE:FOX Hunt (G/A/E) 19 Dec
by Niels Jensen Kristjansson <nkristja@cadvision.com>
47) [32910] CW via Palmtop
by "Eugene Hall" <evhall@ix.netcom.com>
48) [32911] FS: MFJ 9420 SSB radio with CW option
by Danh Le <dql@slip.net>
49) [32912] WTB: CMOS III keyer
by Peter Chow <pchow@cisco.com>
50) [32913] Re: Help for beginner.
by Ed Tanton <n4xy@bellsouth.net>
51) [32914] Re: SSB Sprinters
by w4bws@juno.com (Donald E Sanders)
52) [32915] Re: QSLs and good will
by w4bws@juno.com (Donald E Sanders)
53) [32916] Re: GAP Antennas-Continued
by w4bws@juno.com (Donald E Sanders)
54) [32917] NorCal Cascade chip needed
by "Robert P. Okas" <vintage@best.com>
55) [32918] carbon fiber rods
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
56) [32919] Re: SBL-mixer source needed
by Leon Heller <leon@lfheller.demon.co.uk>
57) [32920] RE: FOX: Sometime you should identify--when?
by "LLOYD DEEM" <WH6CDU@classic.msn.com>
58) [32921] Re: carbon fiber rods
by Ed Tanton <n4xy@bellsouth.net>
59) [32922] The Norcal Cascade...
by Harry Bump <bump@redrose.net>
60) [32923] Re: Software
by Steven Weber <kd1jv@moose.ncia.net>
61) [32924] 49er
by KD8MK <KD8MK@aol.com>
62) [32925] Kenwood TS-830S
by "Justin Davis" <JustinDD@usa.net>
63) [32926] Paddle arrives
by Ronald Hands <rhands@hwc.n.org>
64) [32927] Re: SBL-mixer source needed
by Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
65) [32928] FOX Scores Dec 16th
by adams@chuck.dallas.sgi.com (Chuck Adams)
66) [32929] UNSUSCRIBE QRP-L
by Kc5vvb <Kc5vvb@aol.com>
67) [32930] Dentron QRP

by "George F. Allgood" <k4pym@carol.net>
68) [32931] FOX: N/T Fox Friday Night W2MBY
by "W2MY & W2MBY" <n2mnn@spacegate.com>

Date: Mon, 15 Dec 1997 17:55:43 -0700
From: "Ron Smith" <resmith@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [32864] Re: Oak Hills comments/corrections
Message-ID: <01bd09bd\$56702160\$0422a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Jeff,

-----Original Message-----

From: Jeff M. Gold <JGold@tntech.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, December 15, 1997 5:00 PM
Subject: Oak Hills comments/corrections

>while roaming the wonderful world of the wicked web, I woefully wondered
>at the fact that I had made a mistake, I think the kit I built was the
>OHR 100, not the 100A, I believe you can tuned up the 100a without any
>special equipment

No, you were correct. The Web page for the OHR100A indicates you can tune without a scope. In talking with Dick at OHR, you need to have a Frequency Counter with a 10 to 1 probe to actually tune the rig.

72

Ron

Amateur Radio Callsign: KD7VD
Southwest Idaho
E-mail: resmith@primenet.com
QRP-L #1291

Date: Mon, 15 Dec 1997 20:36:15 -0500
From: Johnny Knight <kf4nj@gte.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [32865] Alternate Antennas
Message-ID: <3495DB0E.5D43512@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello to the Group,

I've seen a number of messages recently on antennas, but one I have not seen discussed is the Isotron antennas.

Has anyone ever tried these antennas for QRP operation and if so what results did you achieve? How hard were they to tune, mount and/or transport if you used them portable?

I have seen several reviews of the Isotron in different magazines over the years, but no direct evaluations by users especially for QRP operation. I think the antenna would be ideal for an apartment op, restricted to indoor or attic mounted, or perhaps balcony or window mount. They certainly offer a very small footprint and need very little space. They may be hard to tune and also may be affected by being mounted near other objects. Some real world info would be nice from those who have tried them.

Johnny, KF4NJ

Date: Mon, 15 Dec 1997 20:53:25 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:johnc@geekopolis.com" <johnc@geekopolis.com>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [32866] Thanks and another antenna question
Message-ID: <199712152056_MC2-2C18-D7B0@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

John:

Well I have just put up the GAP Titan DX (80 and up, inclusive) without radials. Am thrilled to death with it. Couldn't be happier, both with the antenna and the company.

I am *so* satisfied thsat I am already planning to put up the Voyager. It will give me range far beyond anything I can imagine. Can hardly wait to get it. But for now am busy working FOXes, DX, etc.

Bottom Line--I say go for it! Good luck and Happy Holidays.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL QRP WAS 44/42
DXCC 73/44 <>< FOX Total 12/11/97 17 of 21. Was the FOX 11/25/97.

Icom 751A Omni V Corsair I Sierra Argo 515 Norcal 40a SW-40 49er
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV 599ZX Auttek QF-1 RS DSP-40 **Grid Square EN34**

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Mon, 15 Dec 1997 18:24:35 -0800 (PST)
From: doug hauff <slmachco@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [32867] 38S Cust Encl. Take Ride/Rainbow Enclosure!!
Message-ID: <199712160224.SAA20546@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Tomorrow morning Ray from Pacific Coast Anodizing will take the enclosures for a ride across the valley to Fresno, where they will be Mil-spec hard anodized; Ray will bring them back on thursday, I will begin the sixth and last operation, drilling and engraving the front panel. Again, all boxes will be sorted for length in one thousandth increments and run with loving care(you better believe it, I got time in these puppies!). Appearance-wise, this is the most critical operation...I hold my breath with each one (its like I've known these boxes for ages, each one personally...). Then cleaning, final inspection, assembly, packing, etc...If all goes according to plan(hey, hey, no laughing) I will begin shipping on Friday! Will wonders never cease! All those poor guys will be able to balance their checkbooks(I can feel the dirty looks)!!! Heatsinks will be run directly after the enclosures.

RAINBOW ENCLOSURE: A REALITY!!

One night after work last week I sneaked back down to the shop and carved out the prototype Rainbow Enclosure on the Anilam while it was between setups. The box itself I can complete on the manual mill, box and lid will be anodized, after heatsinks I can complete machining on the Anilam; prototype complete soon! Once prototyping is complete I am going to take a chance and make 100 units...BUT I will NOT take orders until the 100 is in process...the 38S enclosure was my first project of this type and I was not prepared for the response; I do not want to end up in a back order situation again! Thanks for your support!!(and your patience!) 72 Doug KE6RIE

Date: Mon, 15 Dec 1997 21:28:23 EST
From: nilsbull@juno.com
To: LaBarge_C@compuserve.com
Cc: qrp-1@Lehigh.EDU
Subject: [32868] Re: Allen Wrench - NorCal Paddles
Message-ID: <19971215.221124.6943.3.nilsbull@juno.com>

Craig & gang,

I've been through that "I ain't got the allen wrench I need" a couple times. Learned early that the allen screw for the tuning knob on the Argonaut (and now the Argosy) is one of those rare ones that only show up in the right kind of allen set.

Go to Radio Shack and get the big honker mother of all tiny screw drivers and other weird stuff you think you will never need tool set. It's big. It's blue. It's plastic (and I smashed the hell out of mine in a fit of rage . . . which is another story). And you'll find every allen screw size that you'll ever need in it.

Keep the plastic box. Don't be like me. Having the box is better 'n going off like a rocket 'cause you can never find the one you want 'cause you scattered 'em all over the house in a fit of rage 'cause you smashed up the box.

Nils

WB8IJN &c

. . . the nurses have me sedated for Christmas . . . all the mayhem & hubbub drives me nuts . . . like being on a cruise and having a social director that comes and gets you if you don't show up for canasta on the sun deck . . . or you can check out the alternative web site at <http://members.tripod.com/~nilsbull> . . . it's got my first web space yuletide card . . . I'll have the printed ones done by June . . . maybe

Date: Mon, 15 Dec 1997 21:28:23 EST

From: nilsbull@juno.com

To: QRP-L@Lehigh.EDU

Subject: [32869] Learning curves, polished metal & Yolandita Monge

Message-ID: <19971215.221124.6943.4.nilsbull@juno.com>

Gang,

I can only hope that this doesn't start another thread about polishing metal (which it will, 'cause things work like that), but I just finished sanding the base of my 2nd NorCal paddles kit. Very fine sand paper, then some oil on the sandpaper (belt sander 'cause I'm lazy) & then in the house with steel wool and "Raindance" #7 rubbin' compound. ("You vill be tagen to ze rubbingk compound, where ze quartss vill poot you in ze bogs.")

Then the selenius acid. 0000wwweeee! Looks like some kinda metaphoric rock or something. And I started out with the brass parts different this time too. Oil on the sandpaper first off. Next, when I get over listening to this really hot CD I bought (Yolandita Monge, "Mi Encuentro" . . . if Yolandita had the kind of PR that Gloria Estevan gets, she'd be more widely known . . . 'cause she otter be), I'll have to get out the steel wool & ol' #7 rubbing compound again. ("You vill learn at ze rubbingk compound vhat habbens to zose who trie ze esgabe . . .")

One thing I picked up on right away from this time through the instructions is the need to go at this slowly. The first kit was done and buttered in about a day or so. It works great. But this 'n here's turnin' out like a piece of artwork. Learned a lot about sanding & finishing steel off the first one. (And no, I ain't goin' back and redoin' it again. I've already had it apart about 50 times anyway.)

And how come the 10m contest is always on when Cindy wants to finish off ALL the Christmas shopping? Eh?

Nils

WB8IJJ &c

. . . got one of those 25 CD playin' doodads. . . I sneaked the "Jingle Cats" CD in between Perry Como & the Vince Guaraldi/Charlie Brown's Christmas CDs. Heh heh heh . . . Cindy ain't found it yit . . .

Date: Mon, 15 Dec 1997 23:00:05 EST
From: sigcom@juno.com (Stephen M Smith)
To: qrp-1@Lehigh.EDU
Subject: [32870] HB: The Mongrel
Message-ID: <19971215.200032.8327.1.sigcom@juno.com>

Group,

Well I've sifted through the bag of parts from Dan's and I think that I can build a transceiver from just those parts, except for enamel wire, a platform and the crystal (graciously offered by folks here on the list). Please don't get the idea that I'm short on parts to build things. I probably have a lifetime supply X3 of stuff in my junk box (read: garage). The challenge for me is not to build something that is reproducible exactly, but to build a working radio from a limited source of parts. I'm going to use the Pixie 2 as a model, but since there were no I.C.s in the bag (except for 4N35 opto isolators, got lots of those), I'll have to use discreets for the audio amplifier. I might as well add an audio filter while I'm at it, although I'm worried about finding enough audio gain with the limited number of transistors on hand. Fran Flynn's 2222 amplifier came along at just the right time, I'll use that for the audio output stage. I'll probably have to series or parallel parts in some places to get the correct values from what I have so a pixie in size and elegance it will not be, hence the moniker "The Mongrel". Sort of a junkyard dog, scruffy but functional. I'm also leaning toward using just NPNs so that it could qualify for the 2N2222 challenge with substitution of the transistors.

BTW, can someone tell me the specs. on a TIS180? It's a PNP transistor in a TO-92 case, but I can't figure out exactly what it is. There were several in the bag but I can't locate them in any of my references or cross them to NTE/ECG.

73.....Steve, WB6TNL

P.S.: Since I wrote the first part of this letter, I've got the RF portion of the rig breadboarded. The transmitter puts out 15 mW (ooh!)

so far and the TX offset works. Gots to do some tweekin' on the output filter.

Date: Mon, 15 Dec 1997 23:08:25 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:dhlaute@juno.com" <dhlaute@juno.com>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, Joel Malman WA1QVM <malman@BBN.COM>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [32871] Re: FOX N/T Monday
Message-ID: <199712152313_MC2-2C1F-69A5@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

David:

Well it was *great* to finally snag you toward the end of the hunt. Heard Bill K5ZTY get you right after our QSO. He was also really rolling in here (Rochester, MN).

Your signal was ESP 119 for over the first hour. Heard some hunters get you, but never could really hear you well to justify calling myself. But then about 0345 you suddenly jumped up and RST went up to 569+. Wow, what a difference. So then it was just a matter of time.

Thanks for having such good ears and digging me out. It was a good hunt, from all I could tell. Your CW is improving steadily. Keep up the good work!

Will be interested in seeing your log. Happy Holidays to you and your family there in SC.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL QRP WAS 44/42
DXCC 73/44 <>< FOX Total 12/11/97 17 of 21. Was the FOX 11/25/97.

Icom 751A Omni V Corsair I Sierra Argo 515 Norcal 40a SW-40 49er
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV 599ZX Autek QF-1 RS DSP-40 **Grid Square EN34**

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Mon, 15 Dec 1997 23:35 -0500
From: randyh@harksystems.com
To: "Michael A. Gipe" <mgipe@reliablemeters.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [32872] Re: GAP Antennas-Continued
Message-ID: <199712160436.XAA08077@camel14.mindspring.com>

I second the need for guys... And nylon rope works great!

73, Randy WJ4P

Date: Mon, 15 Dec 1997 22:36:40 +0000
From: ddonald@sprintmail.com
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [32873] Dan's and EMTECH NW8020 differences?
Message-ID: <199712160438.UAA10202@mailgate22>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Having built a NW8020 from EMTECH and finding it very stable I am suprised at the problems that Mike KD5CMN had with his from Dan's in (from a previous message).

What is the difference between Dan's radio and the one from EMTECH?

~~~~~  
Dave Donaldson, WB7DRU, St. Paul MN  
Minnesota QRP Society, NWQRP,NQRP,QRP-L  
<http://www.qsl.net/wb7dru>

-----  
Date: Mon, 15 Dec 1997 22:13:33 -0800 (PST)  
From: camqrp@cyberg8t.com (Cam Hartford)  
To: qrp-l@Lehigh.EDU  
Subject: [32874] SSB Sprinters  
Message-ID: <199712160613.WAA21710@key.cyberg8t.com>  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Group -

SSB contesting has always taken a back seat to it's CW sibling, at least in the QRP world. It's just a tougher way to go with low power. Participation in the ARCI SSB sprints has never been very strong, and in recent years, with the sunspots numbers scraping bottom, it has been downright sparse.

A couple years ago I changed the format of the SSB sprints to try to take advantage of an upsurge in building and operating on 75 meters. There was a momentary spurt in contest activity, but the long term effect has been negative. What few SSBers there were and now spread out across the spectrum and spread out across the clock. Nobody was operating at the same time and the same place.

So here I present the New Winter Fireside SSB Sprint. It's actually two sprints run on the same day, but considered to be one contest. It's an attempt to get everybody together at about the same time, and about the same place. The first half is the High Band sprint, and it will run from 1900 to 2100 Zulu. You all are now quite adept at converting to local time, what with all the practice you've had with the Foxhunts. It works out to late morning or early afternoon, depending on where you are. The High Bands are 20 through 6 meters. I suspect most activity will be on 20 meters during this two-hour segment, but if we have sunspots, the higher bands should get some play.

After a chance to catch our collective breaths, the Low Band Sprint (160, 75 and 40 meters) will run from 7 to 9 PM, Local Time. Local Time is that other kind of time, the one that your spouse has on his/her clock. I chose Local time for the Low Band segment because on these bands, you will most likely be talking to folk in your own time zone, or one time zone away. And you won't have to stay up past your bedtime.

It is also a Homebrew contest, so you lucky folk who have built Cascades, Centennials, White Mountains or Real Homebrew sideband rigs get to pour on the homebrew bonus points.

One other change of note. I dropped the Member Number or Power from the exchange in favor of including the operator's Name. I think a phone contest would be more personal and better highlight the friendly aspect of QRPers if we all passed along our "handles" as part of the exchange.

Anyway, here are the rules. Dust off the microphone and join in the fun.

72/73,

Cam Hartford, N6GA

## QRP ARCI Contest Manager

### ----- WINTER FIRESIDE SSB SPRINT

Date/Time: January 11, 1998; Hi Bands - 1900 to 2100 UTC;  
Lo Bands - 7 PM to 9 PM Local Time.

Exchange: RS, State/Province/Country, Name

QSO Points: All QSOs are worth one QSO point

Multiplier: SPC (State/Province/Country) total for all bands.  
S/P/Cs may be worked on more than one band for credit.

Bonus Points: Points awarded for using Homebrew equipment, apply for each band on which

Homebrew equipment was used:

+2,000 HB Transmitter used

+3,000 HB Receiver used

+5,000 HB Transceiver used

Homebrew Definition: If you built it, it is considered Homebrew.

Power Multiplier: (Power Output)

< 250 mW ( < 500 mW PEP SSB) = X 15; 250 mW - 1 Watt (500 mW - 2 W PEP SSB) = X 10;

1 W - 5 W (2 - 10 Watts PEP SSB) = X 7; Over 5 W (Over 10 Watts PEP SSB) = X 1.

### Suggested Frequencies:

| GENERAL    |           |           |           |
|------------|-----------|-----------|-----------|
| 160 Meters | 1860 KHz  | 15 Meters | 21385 KHz |
| 80 Meters  | 3865 KHz  | 10 Meters | 28385 KHz |
| 40 Meters  | 7285 KHz  | 6 Meters  | 50128 KHz |
| 20 Meter   | 14285 KHz |           |           |

Score: Points (total for all bands) X SPCs (total for all bands) X Power Multiplier + Bonus Points.

Entry may be an All-Band, Single Band, Hi-Band (20M, 15M, 10M and 6M) or Lo-Band (160M, 80M and 40M). Certificates to the top three scores, to the top score in each Single-band, Lo-band and Hi-band class, and to the top score in each SPC. The contest manager reserves the right to recognize special significant entries with a

certificate  
award.

Entry includes a copy of the logs and a separate summary sheet. Include duplicate check sheets with entries of 100 QSOs or more. Indicate total time-on-the-air, and include a legible name, call, QRP ARCI Number (if any) and address.

All entries must be received within 30 days of the contest date. Late entries will be counted as check logs. Members and non-members indicate their output power for each band. The highest power used will determine the power multiplier. Output power is considered as 1/2 of input power.

Include a description of homebrew equipment, commercial equipment, and antennas used with each entry. Homebrew bonus points may not be claimed if a description is not included with the entry.

Send an SASE for a summary and sample log sheets. Include an SASE with your entry for a copy of the results. Results will be published in the next available issue of the QRP ARCI Quarterly.

The final decision on all matters concerning the contests rests with the contest manager.

Entries are welcome via E-Mail to CamQRP@cyberg8t.com, or by mail to:  
Cam Hartford, N6GA  
1959 Bridgeport Ave.  
Claremont, CA 91711

-----  
Date: Mon, 15 Dec 1997 22:13:36 -0800 (PST)  
From: camqrp@cyberg8t.com (Cam Hartford)  
To: qrp-1@Lehigh.EDU  
Subject: [32875] New Novice/Tech+ Sprint  
Message-ID: <199712160613.WAA21716@key.cyberg8t.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Fox Persons and Hunters -

It is good to see all the activity bursting around the Foxhunts - especially the Novice/Tech+ Foxhunts. The reports we read from the hunters and the huntees on the N/T+ band are full of claims of increased code speeds and improved operating skills.

In the spirit of the Fox hunt, we are presenting a new sprint to take place on the N/T+ band segments on March 15. Think of it as a

four-hour, multi-band Fox hunt where all of the N/T+ class licensees are Foxes, and all of the General and above types are the hunters. Points are given regardless of who works whom, but the playing field is definitely tilted in favor of the Novice/Tech+'s, and in favor those who make the most contacts with the N/T+ stations.

I firmly believe that those of us in the higher license classes have an obligation to assist the newer members of our society. One way to do that is by getting on the N/T+ band segments and giving them an opportunity to participate in some contesting with experienced operators. (Us.)

Many thanks to Joel Malman, WA1QVM, for the idea for this sprint. Hopefully it will become a regular event for all QRP ops. See you there!

72/73,

Cam Hartford N6GA  
QRP ARCI Contest Manager

-----  
NOVICE/TECH+ SPRINT

Date/Time:

March 15, 1997; 2000 - 2400 Z

Exchange: RST, State/Province/Country, Name

QSO Points:

N/T+ to N/T+ = 25 Points

N/T+ to Non N/T+ = 10 Points

Non-N/T+ to Non N/T+ = 5 Points

Power Multiplier:

0 - 250 MW = X 15;                      250 MW - 1 Watt = X 10

1 W - 5 W = X 7;                      Over 5 W = X 1.

Suggested Frequencies:

80 Meters                      3710 KHz

40 Meters                      7110 KHz

15 Meters                      21110 KHz

10 Meters                      28110 KHz

Score:

Points (total for all bands) X Power Multiplier

Entry may be Single-Band or Multi-Band. Certificate to the overall winner.

Certificates to the top three finishers in both Novice/Tech+ and Non-Novice/Tech+ categories. Certificates to top three places in each Single-Band and Multi-Band class. The contest manager reserves the right to recognize special significant entries with a certificate award.

Entry includes a copy of the logs and a separate summary sheet. Include duplicate check sheets with entries of 100 QSOs or more. Indicate total time-on-the-air, and include a legible name, call, and address.

All entries must be received within 30 days of the contest date. Late entries will be counted as check logs. The highest power used will determine the power multiplier. Output power is considered as 1/2 of input power.

Include a description of homebrew equipment, commercial equipment, and antennas used with each entry. Send an SASE for a summary and sample log sheets. Include an SASE with your entry for a copy of the results. Results will be published in the next available issue of the QRP ARCI Quarterly.

The final decision on all matters concerning the contests rests with the contest manager.

Entries are welcome via E-Mail to [CamQRP@cyberg8t.com](mailto:CamQRP@cyberg8t.com), or by mail to:

Cam Hartford, N6GA  
1959 Bridgeport Ave.  
Claremont, CA 91711

+++

-----  
Date: Tue, 16 Dec 1997 01:26:07 -0500 (EST)  
From: George Gingell <k3tks@u1.abs.net>  
To: Chuck <w5usj@webwide.net>  
Cc: QRP List <qrp-l@Lehigh.EDU>, "N.J. QRP Club List Server" <njqrp@njqrp.org>, Dave Johnson KnightLite QRP Club <klqrp@acpub.duke.edu>  
Subject: [32876] Joy of QRP  
Message-ID: <Pine.BSI.3.96.971216005741.13355C-100000@u1.abs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

FYI-

The Second Edition of the "Joy of QRP" (C) 1984, 1997 by Adrian Weiss, W0RSP is available Directly from Milliwatt Books, 526 N. Dakota St. Vermillion, SD 57069. It is Available NOW at \$ 23.00 U.S.D. Postpaid in the U.S.A. (ISBN 0-9614139-0-5) "The History of QRP in the U.S." is also available at \$ 15.00 U.S.D. Postpaid. You Can obtain BOTH sent to the same address for the Special Price of \$ 33.00 U.S.D.

For those who live in the MD-DC-VA area, I can provide the JOY of QRP



Locally for \$ 20.00 (Maryland Milliwatt Club Special Price). Payment to me "George D. Gingell". We hope to have the History of QRP Available soon also.

Those who are interested in the Real History of QRP should check out "The MILLIWATT National Journal of QRPP" (W0RSP 1970's) All 33 issues on CD-ROM from Arvo Communications, 1900 Howell Branch Rd. Winter Park, FL 32792 \$ 25.00 U.S.D. (arvo@arvo.com).

Wishing you all Good QRP (72) and a Very merry Christmas Season.

Maryland Milliwatt Club  
"George D. Gingell", K3TKS  
3052 Fairland Road  
Silver Spring, MD 20904-7117

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net  
QRP A.R.C.I. Net Manager and Board of Director Member.  
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117  
Maryland Milliwatt Club QRP Reference Library, (301)572-6789  
Maryland Milliwatt Club Founder and Trustee of Club Station KB3BVG  
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

-----  
Date: Tue, 16 Dec 1997 00:31:57 -0600  
From: "George T. Baker" <w5yr@swbell.net>  
To: camqrp@cyberg8t.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [32877] Re: SSB Sprinters  
Message-ID: <3496205D.84123DF0@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Cam Hartford wrote:

> Group -

>  
> SSB contesting has always taken a back seat to it's CW sibling, at least in  
> the QRP world. It's just a tougher way to go with low power. Participation  
> in the ARCI SSB sprints has never been very strong, and in recent years,  
> with the sunspots numbers scraping bottom, it has been downright sparse.  
>

<massive snip>

I would like to comment that I have found that the proper degree of RF Speech Processing - not audio clipping or compression - can work wonders for low-power SSB. An actual average power gain of 10 db or more is readily obtained along with substantial improvement in intelligibility. I routinely use 10 -15 db of r-f clipping/filtering on all SSB transmissions, regardless of power level. When I was active on the AO-13 satellite several years ago, I used a modest amount of processing and almost all contacts commented on the exceptionally clean and strong audio for such low power.

Many hams have been turned off of speech processing, usually because of some lousy signals they have heard from improperly set up rigs or from the mediocre results of many rigs that use a weak amount of "compression" to maintain a more constant average audio level. In my case, I usually get positive comments (unsolicited) on my audio and almost always the other op is unaware that I am running r-f speech processing at all.

A lot has been written on this topic, so dig into the books and magazines and see about adding r-f processing to your QRP SSB rig and get in there with the big boys!

--  
73, George  
Amateur Radio W5YR  
AutoPOWER Systems  
Fairview, TX

-----  
Date: Tue, 16 Dec 1997 02:00:06 -0500 (EST)

From: George Gingell <k3tks@u1.abs.net>  
To: Chris Trask <ctrask@primenet.com>  
Cc: QRP List <qrp-l@Lehigh.EDU>  
Subject: [32878] 0dbv ?  
Message-ID: <Pine.BSI.3.96.971216014001.15849B-100000@u1.abs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Chris,

I see that you got the answer to your question. And a bit more than you asked for as well. :^) While the drawn out technical response was more than asked for, it was very informative and ACCURATE.

I did not find the reference which I wanted to give to you, but I can more or less confirm the 0dbv = 1.0 Volt. I found an interesting reference in a TAB Book. (ISBN 0-8306-1625-X) Master Handbook of Electronic Tables and Formulas 4th Edition by Martin Clifford. (C) 1984.

Extracted from Chapter 8 Decibels.

Sinc the decibel is a comparison unit, and not an absolute value, some reference level must be indicated. A common reference, also called zero level, is 1 milliwatt. Other reference levels can be used, but in any event, th4e reference should be specified. If 1 milliwatt is the reference, the letter m is added to dB, the unit being called the dBm (m for milliwatt). Thus if an amplifier (assuming equal inputt and output resistances) has an output of 1 watt, the relationship of the power output to the power input is:

$$\begin{aligned} \text{dB} &= 10 \log P_2/P_1 \\ \text{dB} &= 10 \log 1/.001 = 10 \log 1000 = 30\text{dB} \end{aligned}$$

There was also an interesting Table 8-3 where the reference level, 0dB is 1,000 microvolts (uV) Since the decibel is referenced to the millivolt it is written as dBmv.

The example given compares 0 dBmv (1,000 uV) to + 60 dBmv (1.0 V)

Not that smart, but Sometimes knowing where to look is better :^)

Hope this helps.

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net  
QRP A.R.C.I. Net Manager and Board of Director Member.  
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117

Maryland Milliwatt Club QRP Reference Library, (301)572-6789  
Maryland Milliwatt Club Founder and Trustee of Club Station KB3BVG  
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

-----  
Date: Tue, 16 Dec 1997 02:11:48 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:camqrp@cyberg8t.com" <camqrp@cyberg8t.com>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>  
Subject: [32879] New Novice/Tech+ Sprnt  
Message-ID: <199712160214\_MC2-2C23-1442@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Cam et.al.:

I heartily concur with this. And indeed we have an obligation to encourage and welcome these guys. That is one reason for working the N/T+ FOXes...

Can also affirm that many of them are making great strides this season. I believe that several are about ready to upgrade, at least CW-wise.

So you can bet I'll get in there. It will be a fun event all way around.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19  
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL QRP WAS 44/42  
DXCC 73/44 <>< FOX Total 12/11/97 17 of 21. Was the FOX 11/25/97.

-----  
Icom 751A Omni V Corsair I Sierra Argo 515 Norcal 40a SW-40 49er  
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom  
SLV/W6MMA G5RV 599ZX Autek QF-1 RS DSP-40 \*\*Grid Square EN34\*\*

"Things should be as simple as possible, but no simpler"--A. Einstein

-----  
Date: Tue, 16 Dec 1997 02:49:05 -0500 (EST)  
From: Scott Bauer <ke3nv@erols.com>

To: qrp-1@Lehigh.EDU  
Subject: [32880] Fox 12/18/97 W3CV  
Message-ID: <199712160749.CAA03644@smtp1.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello Fox Hunti,

I will be on as scheduled from 0200-0400 12/18!!  
I will start, or try to on 7.040 and work my way down in frequency as QRM runs me off. I will only go to 7.035 then try to work my way back up to .040 and back down again. So look for me somewhere between 040 and 035 :-)) Maybe as low as 030 if the band is busy.

I will be using my ARK-40 at three watts to either a G5RV or a trapped vertical mounted with the radials on my roof which does work very well. I will NOT be working split so try to be right on me. Good luck to all!! See you soon!!

72, Scott w3cv  
72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV  
Founder and trustee of W3DV, Woodwardville ARC, "the WARC"  
A local club for the QRP enthusiast

visit my web page at <http://www.erols.com/ke3nv/>

|             |                |
|-------------|----------------|
| G-QRP 8773  | QRP-L 728      |
| NORCAL 1094 | DL-QRP-AG *GM* |
| CQC 352     | QRP ARCI-8804  |
| scQRPion 38 | AR-QRP 27      |

WARC QRP Club  
CW OPERATORS QRP CLUB 484, FISTS, ARRL

-----  
Date: Tue, 16 Dec 1997 01:23:08 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [32881] Re: New Novice/Tech+ Sprint  
Message-ID: <199712160823.BAA28832@usr04.primenet.com>

Howdy,

Cam (N6GA) wrote:

>

> In the spirit of the Fox hunt, we are presenting a new sprint to

> take place on the N/T+ band segments on March 15. Think of it as a  
> four-hour, multi-band Fox hunt where all of the N/T+ class licensees  
> are Foxes, and all of the General and above types are the hunters.  
> [...]  
> Many thanks to Joel Malman, WA1QVM, for the idea for this sprint.

Great idea! Count me in! Now wouldn't it be neat if a  
bunch of us got together and bought a General upgrade  
manual for each N/T+ Fox who got on that night? I'll  
volunteer for one....

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

-----  
Date: Tue, 16 Dec 1997 01:33:03 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [32882] Re: Armadillo Chase Results  
Message-ID: <199712160833.BAA28992@usr04.primenet.com>

Howdy All,

> CALL NAME Qs PTS SPC NAMES BONUS PWR TOTAL  
>  
> [...Every other QRPer in the world above us...]  
>  
> AB7TT JOE 8 16 6 6 HI 576  
> AL7FS JIM 7 7 4 4 HI 112

Argh! I can't take it! First, after convincing myself I'd  
cruised to an easy last place in the 'Diller sprint, Jim  
comes along a snakes me by one QSO! But as if that wasn't  
enough, I figure my measly 4 Snowshoe QSOs were a shoe-in  
for last place, and Jim comes along \*again\* and tells me  
he didn't work any Qs at all!

What does it take for a guy to lose around here?!? I'll be  
ready for you next time Jim.... ;-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

-----  
Date: Tue, 16 Dec 1997 01:34:51 -0600  
From: "Phil, K6LS" <k6ls@prolynx.com>  
To: slmachco@fix.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [32883] Re: 38S Cust Encl. Take Ride/Rainbow Enclosure!!  
Message-ID: <34962F1B.EA9B8694@prolynx.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

doug hauff wrote:

>(its like I've known these boxes for ages, each one personally...).

Well in that case, (pun could be intended ;-),

I guess we should all send in our "baby" pictures to Doug just like you would to the family physician, after our little creations are 'born'.

fitting that they should ship soon, I just found the box that I packed my 38sp in about 8 months ago ! :-)

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org  
<http://www.qsl.net/k6ls>  
DM79or, Arapahoe County, Colorado  
ITU zone 7, CQ zone 4  
QRP-L #612 NorCal #824  
CQC #471 ARCI #8866

-----  
Date: Mon, 15 Dec 1997 16:57:47 +0000  
From: Ken Lopez <kjlopez@earthlink.net>

To: n4js@pobox.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [32884] Re: GAP Antennas-Continued  
Message-ID: <34958FAA.15F2@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John Sielke wrote:

> I see they say the guys are not  
> "necessary." Does that mean that if you live somewhere with NO wind,  
> you can slip by without guys, or can you really hope the thing will  
> survive, say 50-60MPH winds (like we have here with Nor'easters)  
> without guys.

>From personal experience, I can say that the GAP works very well except  
for two problems: It is virtually useless on its lowest band, and, it is  
mechanically weak. I had great performance on 40M and up, but 75/80 was  
a dummy load. I have listened to many others and this seems to hold  
true.

Mechanical integrity is poor. I had to resort to many hose clamps to  
keep it from coming apart every two weeks or so. I used two sets of  
guys, and a rigid mounting to a small structure at about 8 feet. During  
one windstorm it still turned into a pretzel. It now resides under my  
deck in pieces, waiting for the materials to be used in another project.  
When I took it apart, I was amused to find an 80M quarter wave of RG8X  
coax folded up inside the upper half of the antenna. No wonder it  
didn't work on 80M!

But, when it was up and working, it was gangbusters on 40M-10M. I have  
close to 100 countries worked with 5-100 watts on 40M with this  
antenna. It just wouldn't stay up. Pity...

Cheers,  
Ken, N6TZV

-----  
Date: Tue, 16 Dec 1997 01:01:47 -0800  
From: Bill Todd <bill@techline.com>  
To: nwq-1@scn.org  
Cc: qrp-1@Lehigh.EDU  
Subject: [32885] December "NWQ" Now on Line  
Message-ID: <1.5.4.32.19971216090147.0070c67c@mail.techline.com>



Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello NW QRP Club Members, and all other QRPers too-

The December issue of the NorthWest QRP Club's "NWQ" Newsletter is now up and running. To take a look at the page, go to our Club's Web Page at:

<http://www.scn.org/IP/nwqrp/nwqrp.html>

Once you get there, click the button to transfer to the "Graphic" newsletter. I hope you like it, and your comments are welcome (even if you don't...hi).

I have not had a lot of time to read the QRP-l listings because I have had my head inside of various books this past Quarter. I hope to make up for that lack in the coming weeks. Christmas break will be a nice time to "veg" in front of the tube, and gain a good 5 pounds while eating Christmas goodies.

CUL, and Merry Christmas to all -  
Bill-N7MFB

-----  
Date: Tue, 16 Dec 1997 11:54:53 +0200  
From: "Erkki Sadrak" <erkki@emt.ee>  
To: <QRP-L@Lehigh.EDU>  
Subject: [32886] SBL-mixer source needed  
Message-ID: <199712160950.LAA29685@emt.ee>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hello

Sort of qrp-related question, e.g lots of projects in QRP Power Book.

Looking for SBL-1 mixer source, preferably in Europe

Any suggestions?

Erkki

ES1DC

-----  
Date: Tue, 16 Dec 1997 12:28:01 +0000  
From: k5zty@juno.com  
To: WB7WHI@aol.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [32887] Re: HW-8 has a bad case of the nots  
Message-ID: <19971216.124820.7326.0.k5zty@juno.com>

Hi Wayne

Use an ECG488 as a replacement, it will go in without mods and will give you a boost in output also. After you install it retune the tank circuit.

72

Bill, K5ZTY  
Houston, TX  
k5zty@juno.com

On Mon, 15 Dec 1997 16:57:57 EST WB7WHI <WB7WHI@aol.com> writes:  
>It looks like I've lost the final for the HW-8. It be a 2N4427 and of  
>course  
>there not be one in the greater city of Spokane.  
>Anyone have to replace one of these critters before and what did you  
>use?  
>  
>Thanks  
>  
>Wayne WB7WHI  
>Spokane, Wa.  
>  
>

-----  
Date: Tue, 16 Dec 97 08:44:25 PST  
From: "Bob Fox" <aa8yo@tir.com>  
To: qrp-1@Lehigh.EDU  
Subject: [32888] Re: GAP Antennas-Continued  
Message-ID: <MAPI.Id.0016.006138796f2020203030303530303035@MAPI.to.RFC822>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"

Content-Transfer-Encoding: quoted-printable

Gang / John,

This totally contradicts my experience with the Gap Titan. I've had excellent results with a total bandwidth on all bands except 80 meters, where I have 140 kHz - it is very useful indeed on its lowest band.

As far as mechanical integrity is concerned, mine has been up almost one year, I do not have it guyed, and it has endured winds in excess of 70 mph thanks to a string of tornados that touched down less than 5 miles from my QTH last summer. It has taken it all in stride, and continues to be a stellar performer - especially on 80 meters where I like to hang out this time of year.

I have'nt touched it since putting it up Feb 1st '97.....

73 - Bob / AA8Y0

~~~~~

email: aa8yo@tir.com
FISTS #3056 QRP-L #1174
QRP-ARCI #9487 MI-QRP #1595
Dearborn, MI / Grid EN82
Bona Fide CW Junkie
Amateur Civil War Historian

~~~~~

-----

> John Sielke wrote:

>

> > I see they say the guys are not

> > "necessary." Does that mean that if you live somewhere with NO wind,

> > you can slip by without guys, or can you really hope the thing will

> > survive, say 50-60MPH winds (like we have here with Nor'easters)

> > without guys.

>

> >From personal experience, I can say that the GAP works very well except

> for two problems: It is virtually useless on its lowest band, and, it is

> mechanically weak. I had great performance on 40M and up, but 75/80 =

was

> a dummy load. I have listened to many others and this seems to hold  
> true.  
>  
> Mechanical integrity is poor. I had to resort to many hose clamps to  
> keep it from coming apart every two weeks or so. I used two sets of  
> guys, and a rigid mounting to a small structure at about 8 feet. During  
> one windstorm it still turned into a pretzel. It now resides under my  
> deck in pieces, waiting for the materials to be used in another project=  
> .  
> When I took it apart, I was amused to find an 80M quarter wave of RG8X  
> coax folded up inside the upper half of the antenna. No wonder it  
> didn't work on 80M!  
>  
> But, when it was up and working, it was gangbusters on 40M-10M. I have  
> close to 100 countries worked with 5-100 watts on 40M with this  
> antenna. It just wouldn't stay up. Pity...  
>  
> Cheers,  
> Ken, N6TZV  
>  
>  
>

-----  
Date: Tue, 16 Dec 1997 08:15:22 -0500 (EST)  
From: Steve Slavsky <sslavsky@CapAccess.org>  
To: qrp-1@Lehigh.EDU  
Subject: [32889] 10 Meter Contest + N/T Fox  
Message-ID: <Pine.SUN.3.91-FP.971216075529.24598E-100000@cap1.capaccess.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I concur with the comments about 10 meters being very open this past weekend. I did manage to get 39 CW and 79 SSB contacts with 43 mults for a score of 13,502. Not anything fantastic compared to others, but my personal high for this particular contest. Speeds were really high on CW, like the SS. I know it helps with the QSB, but it takes me about 3 to 5 takes to get the exchange right before I jump in at those speeds. The only recent event where the speeds were slower was the 160 M contest. Maybe it was my imagination, but it seemed to be a lot more leisurely. I did try out my AEA DX Handy with 1 watt, but it was too much of a struggle. I did get some comebacks, but just to tell me they couldn't

copy me :-(. You really need the full 5 watts to make contacts on SSB. Also, only heard one N/T in the CW portion, he did not hear me. Almost no activity there except for a few like me trolling every now and then.

I'm pretty sure I got David (KF4HAW) last night, but the BCQRM is unbelievable on that part of 40. Just when I thought I had him, some stations started what sounded like gong music. Copying CW though gongs is not fun. So I had to start all over. His signal did go up in the second hour here in VA and that was a big help.

BTW, anyone know where ZX5J might be? Can't find him on Buckmaster. Only other DX were a few LUs, caribbeans and Mexico. All in all, a very fun event.

Looking forward to the Cam's two new sprints.

72/73,

Steve, N4EUK  
Reston, VA

-----  
Date: Tue, 16 Dec 1997 08:27:36 EST  
From: K5BDZ <K5BDZ@aol.com>  
To: barish@kutztown.edu, qrp-1@Lehigh.EDU  
Subject: [32890] Re: NW8020 Filter  
Message-ID: <b04ffe18.349681ca@aol.com>  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Len

If memory serves me, the rig uses a bandpass filter for audio filtering. Sounds like the filter's center frequency peaking resistors (one per filter section) have the filter peaked at a frequency other than your sidetone frequency - or you could say the sidetone is other than the peaked frequency of the audio filter. Simple changing value of one resistor in sidetone or two resistors in audio filter should do the trick.  
Bill, K5BDZ

-----

Date: Tue, 16 Dec 1997 08:36:16 EST  
From: ALK0FRP <ALK0FRP@aol.com>  
To: QRP-L@Lehigh.EDU  
Subject: [32891] ARRL 10M K0FRP  
Message-ID: <7a08a102.349683d2@aol.com>  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

JUST A NOTE ABOUT THE 10M CONTEST.

OPERATED ABOUT 3 HOURS AND GOT INTO A COUPLE OF OPENINGS SATURDAY INTO UPPER NORTH EAST STATES. MY CT LOGGER WAS UP TO A RATE OF 118 PER HOUR FOR A WHILE. BUT WAS SHORT LIVED. I MISSED THE SUNDAY OPENING, WAS OUT AND ABOUT. DID 100 Q'S IN 25 SEC ABOUT 10,000 POINTS.  
I AM JUST ABOUT CONTESTED OUT , JUST TOO MANY IN A ROW.  
ARCI , SS PHONE AND CW , CQWW, 160, 10M, GREAT SNOWHOE, PROBABLY FORGOT ONE OR TWO.

AL K0FRP

-----  
Date: Tue, 16 Dec 1997 08:55:59 -0500  
From: Ken Newman <n2cq@comten.com>  
To: njqrp@njqrp.org, QRP-L@Lehigh.EDU  
Subject: [32892] Snowshoe Run Report  
Message-ID: <1.5.4.16.19971216135506.1d5774a0@mail.comten.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Snowshoe Runners,  
Thanks for an interesting Saturday Special Sprint! The results on propogation with that time of night and antennas used, should be an interesting result.

Equipment used: Kenwood TS-850sat at 5 Watts  
Center fed 100' Zepp, up 36'

Claimed Score: Qso Points X S/P/C X Grids = Score  
66 x 8 x 12 = 6336

The verticals and beams did best according to the distance most times.

I'll be looking for more interesting sprints very soon.

Happy Holidays to All!

72/73,  
Ken Newman, N2CQ  
Woodbury, NJ  
N2CQ@Comten.com

-----  
Date: Tue, 16 Dec 1997 08:30:15 -0600  
From: "Jeff M. Gold" <jgold@tntech.edu>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [32893] OHR-100/LZ1LZ  
Message-ID: <34969077.B3772A87@tntech.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

I tweaked my OHR100 (not the A) BFO and reset the TX offset. I then found and worked LZ1LZ through a pileup on the first call.

So far I really love the OHR.

72  
Jeff, AC4HF

--  
Jeff M. Gold, Manager  
Academic Computing Support  
Tennessee Technological University  
(615)372-3979

-----  
Date: Tue, 16 Dec 1997 08:50:53 -0600  
From: Chuck Carpenter <w5usj@webwide.net>  
To: qrp-l@Lehigh.EDU  
Subject: [32894] 1955 Handbook  
Message-ID: <3.0.1.32.19971216085053.0069062c@mail.webwide.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

If anyone can direct me to a source for a hardcopy of the 1955 "Handbook" I'd be most grateful.

72/73

Chuck, W5USJ

Rains County (pop 6900), TX - EM22cv

ARCI # 5422, QRP-L # 1306, FISTS # 3984

-----  
Date: Tue, 16 Dec 1997 08:46:17 -0600  
From: Tom Moll <tomm@xata.com>  
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>  
Cc: "'n4js@pobox.com'" <n4js@pobox.com>  
Subject: [32895] Titan Guys  
Message-ID: <01BD09FF.13A346E0@TOMM>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

N4JS asked about guying the GAP Titan -

IMHO, you'd have to be nuts not to guy the Titan - it needs it if you =  
have any wind of significance. GAP does sell a guy attachment bracket - =  
don't know what it looks like or how much it costs, but is probably a =  
convenient way to go. I made my own by just taking pieces of #6 stranded =  
and insulated wire, bending them into loops with the ends sticking out, =  
and using two hose clamps to attach them to the mast just above the PVC =  
"gap". Worked great.

You will NOT be disappointed with this antenna - it is my first "store =  
bought" antenna, and I am delighted with it.

The only real problem I had was in assembling it. Mine had been sitting =  
in the cold for about a week before I got around to putting it together. =  
When I got to the point of joining the two main sections of the mast, =  
the aluminum mast absolutely would not go into the PVC pipe section more =  
than 1". I pulled it apart, used a file to slightly bevel the sharp edge =  
of the aluminum pipe, sprayed a little WD40 on it, and tried again - it =  
went together about 2" this time. Now I cannot get it apart - not even =  
with some heavy duty wrenches trying to twist it ! PANIC.

As a result of a few carefully chosen choice words, and some grunting, =  
it finally came apart again. This time, I thought I'd better think a =  
little before going any further. I surmised that the aluminum and PVC =  
have different coefficients of expansion and contraction. I got a small =  
portable electric heater out of the house, and proceeded to heat up the =  
PVC. A few more choice words, and try again - viola, slipped right =  
together - almost. It was still about 1" short of where it needed to go. =  
In desperation, I slammed it into the garage door like a few times, =  
hoping it wouldn't kink and bend, and that did it (I don't recommend =  
this procedure). No more problems. The moral is, don't let this thing =  
get cold before assembling, or have the sense to live in a warm climate.



Tom Moll, NoBS

P.S. In case you were wondering, the choice words were "Please, God, =  
help me!"  
It's Christmas time you know!

-----  
Date: Tue, 16 Dec 1997 09:58:12 -0500  
From: Michael Maiorana <mikemo@ibm.net>  
To: "Michael A. Gipe" <mgipe@reliablemeters.com>  
Cc: qrp-1@Lehigh.EDU  
Subject: [32896] Re: Off the wall antenna question...  
Message-ID: <34969704.130@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Michael A. Gipe wrote:

>  
> Yes, but it needs to be much higher than the antenna, so you might as well  
> put the antenna up there. I tried modeling this with EZNEC and found there  
> was no free lunch!  
> > Ok, now another strange question. Can you use a reflector to divert the  
> > major lobe of a low dipole from going straight up? That would be nice  
> > for us folks who can only get their dipole 20' up and are tired of  
> > "burning the clouds".

Not to beat this to death, but instead of having a high reflector, how  
about a pair of low parasitic directors?

Thanks  
72 de kf4trd  
Mike Maiorana

--  
If it's tourist season, why can't we shoot them?

-----  
Date: Tue, 16 Dec 1997 09:59:29 -0500 (EST)  
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [32897] SSB Sprinters: Thanks, Cam!  
Message-ID: <Pine.A32.3.93.971216095232.23338B-100000@weyl.math.Virginia.EDU>  
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

The changes to the Winter Fireside SSB Sprint look great! I'll be there for both parts, running my White Mountain on 20m, 2n2222 Unoptimized Transceiver (if I get the RX done in time!) on 40m, and Centennial on 80m. Hats off to Cam for doing some serious headscratching over SSB QRP!

72, Ralph N7RI

-----  
Date: Tue, 16 Dec 1997 08:33:27 -0700  
From: Niel Skousen <nskousen@scientechnology.com>  
To: qrp-1@Lehigh.EDU, vole@primenet.com  
Subject: [32898] Re: New Novice/Tech+ Sprint  
Message-ID: <3.0.3.32.19971216083327.007cd580@eaglerock.if.scientechnology.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Joe, not a 'General' upgrade book, get the 'Advanced'... I'll bet most of them could already smoke the General just from lurking on the list..

Niel

At 01:23 AM 12/16/97 -0700, you wrote:

>

>Howdy,

>

>Cam (N6GA) wrote:

>>

>> In the spirit of the Fox hunt, we are presenting a new sprint to  
>> take place on the N/T+ band segments on March 15. Think of it as a  
>> four-hour, multi-band Fox hunt where all of the N/T+ class licensees  
>> are Foxes, and all of the General and above types are the hunters.  
>> [...]

>> Many thanks to Joel Malman, WA1QVM, for the idea for this sprint.

>

>Great idea! Count me in! Now wouldn't it be neat if a  
>bunch of us got together and bought a General upgrade  
>manual for each N/T+ Fox who got on that night? I'll  
>volunteer for one....

>

>Cheers de AB7TT,

>

>-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

>  
>"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions  
>  
>

-----  
Date: Tue, 16 Dec 1997 11:11:48 +0100  
From: jmori@labyrinth.net (joyce mori)  
To: qrp-1@Lehigh.EDU  
Subject: [32899] UNSUSCRIBE QRP-L  
Message-ID: <v01540b00b0bc043734ff@[205.161.179.20]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

UNSUSCRIBE QRP-L

-----  
Date: Tue, 16 Dec 1997 11:02:03 -0500  
From: "Buck, Preston D" <BuckPD@corning.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [32900] FOX: NOGLM resched again  
Message-ID: <6B137F61081DD0118DF600805FEAC5C588C002@SILVER.CORNING.COM>  
Mime-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7BIT

Greetings All,

I am sorry but I must reschedule my rescheduled time. Between work travel, holiday travel and the animals, I just don't have time. I would rather reschedule than just not be there. I won't be able to be on at all this week.

I was scheduled for 19 Dec 0000-0200 UTC (18 Dec 1900-2100 EST)

Let's move it to 31 Dec 0000-0200 UTC (30 Dec 1900-2100 EST).

I promise I won't move this one.

73, Preston n0glm

-----  
Date: Tue, 16 Dec 1997 11:14:52 -0500  
From: "Kevin F. Glynn" <kfglynn@prodigy.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [32901] QSL Info Needed for 6V1C  
Message-ID: <199712161613.LAA67072@mail1y-int.prodigy.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi gang,

Does anyone have QSL info for 6V1C? I worked him during 10M contest and would like to QSL.

Thanks

72 Kevin N2TO  
Brooklyn, NYC  
kfglynn@prodigy.net

-----  
Date: Tue, 16 Dec 1997 23:47:01 -0500  
From: fmathews@norfolk.infi.net (Frank Matthews)  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [32902] PixieII Plans & Film SOLD OUT!  
Message-ID: <v01530500b0bd087fc1ed@[208.131.169.190]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Fellow QRP-LERS,

The last of the Pixie2 revision plans and film have been sold. It was a pleasure to have been able to help you folks get started on this delightful little project. Over 200 of you replied to the offer...with some as far away as England and Spain.

Best wishes to all of you for a safe, happy, and CW'n holiday!

Frank

Frank Matthews  
Technology Education Department  
Oscar F. Smith High School  
1994 Tiger Drive  
Chesapeake, VA 23320  
(757) 548-0696 Ext. 51  
Email/fmathews@norfolk.infi.net

-----  
Date: Tue, 16 Dec 1997 08:53:30 -0700  
From: Larry East <w1hue@amsat.org>  
To: qrp-1@Lehigh.EDU  
Subject: [32903] RE: GAP Verticals  
Message-ID: <3.0.3.32.19971216085330.00922400@eloi>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

My experience has been quite the opposite to that of the fellow who complained about his GAP (he didn't say which model) falling apart and not working on its lowest band. I put up a used GAP Voyager (the 47 foot tall one that covers 160-20M) about 2.5 years ago and have had great success with it. Before I got it, it was used by another local ham for just over 1 year (he missed it so much that he has since bought another one!). It is by necessity guyed (two levels) using UV resistant rope. It has withstood winds in excess of 80MPH (normal for eastern Idaho...), ice, snow, etc. Other than tightening the turnbuckles occasionally to account for stretch in the guy ropes, it has been a "zero maintenance" antenna. I have made many QRP contacts with it on 160M, although the bandwidth is rather narrow. In fact, two years ago I got the highest QRP score in the NW division in the ARRL 160M QRP contest. It works reasonably well on 80M -- best for long skip rather than close in stuff (as one might expect). Works like gang busters on 40M. It does not work as well as my 450 foot long wire on 20M, but that is not unexpected either. It works on 10M, but NOT 30, 17, 15 or 12M (it's not designed for those bands).

Just my two (binary) bits worth...

72, Larry W1HUE/7

-----

Date: Tue, 16 Dec 1997 10:10:35 -0700  
From: Tim Pettibone <tpettibo@NMSU.Edu>  
To: qrp-1@Lehigh.EDU  
Subject: [32904] FOX Hunt (G/A/E) 19 Dec  
Message-ID: <3.0.2.32.19971216101035.00697f5c@cnmailsvr.nmsu.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hunters:

I'll be on 19 Dec 1997, 0300-0500z, 7.037KHZ +/- . This is local date 18 Dec (Thursday). I specified the time before the FOX season. It doesn't look as promising as it did then. No changes, nothing different. Catch me if you can. I'll either be at the home qth with the QRP+@5w to the old GAP Titan if the QRN isn't too bad or off somewhere if it is. Might try the W5GB QTH (NMSU Club station of which I'm the trustee) or stationary mobile somewhere quiet.

Tim K50I  
Las Cruces, NM

p.s. Don't get confused by my QRP-L # 73 (like I do!).

-----  
Date: Tue, 16 Dec 1997 11:10:41 -0600  
From: "Claton Cadmus" <aplitech@Spacestar.Net>  
To: "QRP-1" <qrp-1@Lehigh.EDU>  
Subject: [32905] Vertical Antenna modeling needed!  
Message-ID: <000f01bd0a45\$a78d04e0\$a4c9bfce@aplitech>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

For FYBO we are considering a Fish House in the middle of a large frozen fresh water lake. I started to ponder antennas and was wondering if a vertical wire suspended by a balloon with a vertical counterpoise dropped down a hole in the ice would be effective? This would be a vertical dipole with the feed right at the surface of the ice. We will assume that the lake is deep enough, the wire is cut for the 80 meter band and we will use it on other bands with a tuner at the feedpoint. If you wish to take this even a bit farther, there may be an optimum length that will cover 80 through 20 meters.

One of the reasons I'm thinking about this is I don't like the idea of running wires horizontally on/over the ice as the wires and support poles may come in abrupt contact with a snowmobile during the dark evening "party" hours.

So if someone would like to model this I'm sure I and other's would be interested and appreciative. Thanks.

----

73 de KA0GKC Claton Cadmus  
cla@spacestar.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

-----  
Date: Tue, 16 Dec 1997 09:26:03 -0800  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
To: "QRP-L list server" <qrp-l@Lehigh.EDU>  
Subject: [32906] QSLs and good will  
Message-ID: <199712161740.LAA01255@multi13.netcomi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Gang --

I received a very interesting envelope in yesterday's mail. Inside was a QSL card for my QSO with Norfolk Island VK9, and a letter from the ham in Brazil who sent it. He explained that my QSL was mistakenly included with his in the envelope he received from VK9NL's QSL manager. He decided just to send it directly to me, but he couldn't find my call in the current callbook. The QSO was from my pre-vanity call days. He then sought out and searched through older callbooks until he found my name and address, and mailed the QSL to me.

I was gratified that in these days of greenstamps for QSLs and 'supported' DXpeditions, a ham would expend his time and money to forward my QSL. Perhaps we could make him an honorary member of QRP-L.

Mike K1MG

-----

Date: Tue, 16 Dec 1997 09:35:20 -0800  
From: Bill Todd <bill@techline.com>  
To: nwq-l@scn.org  
Cc: qrp-l@Lehigh.EDU  
Subject: [32907] Hints on viewing Dec "NWQ" Newsletter  
Message-ID: <1.5.4.32.19971216173520.0070c964@mail.techline.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello QRPers -

I have received a few notes saying that people were unable to view the "Graphics" December NWQ. Here are a few hints to help you get there:

1. Go to the NW QRP Club Web Page
2. Once there, click on "NEWS"
3. Scroll down to the "To the full graphics version" button, and click on it.

That should get you there!

NWQ-L?

Also, some NWQ Members, and non-members have asked how to get on the NWQ-L. To get on the list, go to the "Update Our Database" button and click on it.

Enter in all the information that is required on the form, and that should do it. You should then start receiving the NWQ-L postings, which average just a handful a day.

Brian, KV9X has a safeguard built in, that requires a password to change your record. If you have forgotten your password, there is a hotkey button to E-mail him and help you "remember" what your password is (hi).

Good luck!  
Bill-N7MFB

-----  
Date: Tue, 16 Dec 1997 09:40:55 -0800  
From: R Wilkerson <richqrp@home.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [32908] Software



Message-ID: <3496BD27.D292B7CB@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

NOt QRP but .... I would like to know if anyone can tell me if the programs, windraft or winboard are worth getting ???? With lots of extra time on my hands (just retired) I think I would like to get into something like this.

Thanks ..... rich

--

Happy Holidays  
Rich Wilkerson / WD6FDD / Santee, CA.  
73's & 72's

-----  
Date: Tue, 16 Dec 1997 10:57:45 -0700  
From: Niels Jensen Kristjansson <nkristja@cadvision.com>  
To: qrp-1@Lehigh.EDU  
Subject: [32909] RE:FOX Hunt (G/A/E) 19 Dec  
Message-ID: <1.5.4.16.19971216113417.1aa77c0e@cadvision.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>I'll be on 19 Dec 1997, 0300-0500z, 7.037KHZ +/- . This is local date 18  
>Dec (Thursday). I specified the time before the FOX season. It doesn't  
>look as promising as it did then. No changes, nothing different. Catch me  
>if you can.

-----  
To bad!

40 meters is all but gone over here by 02:00Z and a memory when 03:00Z rolls in.

Oh well there is always next time I guess.

72 es happy hunting  
de Niels  
VE6NJK/TF3NJ

-----  
Date: Tue, 16 Dec 1997 13:15:45 -0500  
From: "Eugene Hall" <evhall@ix.netcom.com>  
To: <qrp-1@Lehigh.EDU>

Cc: <wa4hhp@amsat.org>  
Subject: [32910] CW via Palmtop  
Message-ID: <199712161816.MAA05668@dfw-ix4.ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi Gang,

At the risk of taking heat over putting a palmtop item on the list, has anyone successfully used the HP200LX as a "keyboard" for cw with their QRP station?

If so, I would appreciate info on how you did it. Please e-mail direct.

TNX es 72,

Gene  
WA4HHP

-----  
Date: Tue, 16 Dec 1997 10:17:17 -0800 (PST)  
From: Danh Le <dql@slip.net>  
To: qrp-1@Lehigh.EDU  
Subject: [32911] FS: MFJ 9420 SSB radio with CW option  
Message-ID: <E0xi1YU-0002Hx-00@slip-3>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

Hello all,

I have the MFJ 9420 SSB radio with the CW option for sale. Looks and works like new. Comes with microphone and manual. \$175 + shipping.

Please email if interest.

73/72 de Dan, ke6d  
dql@slip.net

-----  
Date: Tue, 16 Dec 1997 10:18:43 -0800 (PST)

From: Peter Chow <pchow@cisco.com>  
To: qrp-1@Lehigh.EDU  
Subject: [32912] WTB: CMOS III keyer  
Message-ID: <199712161818.KAA13148@pchow-ss20.cisco.com>

Anybody has an unbuilt CMOS III that they want to get rid of?

72,  
Peter/N6YD

-----  
Date: Tue, 16 Dec 1997 13:45:54 -0500  
From: Ed Tanton <n4xy@bellsouth.net>  
To: dsalo@earthlink.net  
Cc: QRP-L Reflector <qrp-1@Lehigh.EDU>  
Subject: [32913] Re: Help for beginner.  
Message-ID: <3.0.1.32.19971216134554.00acc300@mail.atl.bellsouth.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Daniel... first of all: good luck with your test... you can build or buy a suitable 12 VDC power supply. You might keep in mind that it will probably be 13.5-13.8VDC actually. Most 12VDC power supplies fudge upwards towards the actual voltage of the car battery they assume they are replacing. Think of them as power supplies... usually 'converters' are referring to the 12VDC > 120VAC types or to switching power supplies. Stay away from the latter. Linear regulated power supplies are more along the lines you are looking for, since they are just as happy at no load as at full rated load. Switching supplies really do not like no-load conditions, and are more comfortable operating at a constant load-which is not your application at all.

As for an antenna... you could do what you are talking about... you might also try dangling it out a window (at night) to operate, and then bringing it back in when you are finished. If you keep it inside, I think it would be correct to say the longer the better... but I do not know what effects adding more than one loop around the room will have. I'd certainly try it. One thing: the tuner NEEDS to be tuned for BOTH rx and tx in this case, and so you partially-even sometimes fully-tune the tuner by peaking it on rx first. I would try and compare some signals and then add wire, say double or triple it, and see if it seems to rx better. I would keep the wires at least 12 inches apart-vertical spacing. I suspect it will be a dimimishing return after one loop-but you won't know 'til you try. The ZM-1 has been \*\* highly \*\* recommended.

If there is anything I can do to help, please do not hesitate to ask.  
Remember, if it works better on rx, it will probably work better on tx!  
Keep me appraised of your efforts, I would be interested to hear. Good luck!

|            |     |                       |                |                  |
|------------|-----|-----------------------|----------------|------------------|
| INTERESTS: | QRP | BoatAnchors           | Test Equipment | Photography      |
| CW: 99.9%  |     | Mercury Paddle # 0214 |                | QRP to 150W: 95% |

Date: Tue, 16 Dec 1997 14:35:01 EST  
From: w4bws@juno.com (Donald E Sanders)  
To: w5yr@swbell.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [32914] Re: SSB Sprinters  
Message-ID: <19971216.154835.8271.5.W4BWS@juno.com>

Donald E. Sanders W4BWS  
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937  
407-779-0222 Fax 407-779-0830  
E-mail to [w4bws@juno.com](mailto:w4bws@juno.com)  
My favorite QRP rig glows in the dark

Date: Tue, 16 Dec 1997 14:35:01 EST  
From: w4bws@juno.com (Donald E Sanders)  
To: mgipe@reliablemeters.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [32915] Re: QSLs and good will  
Message-ID: <19971216.154835.8271.7.W4BWS@juno.com>

I agree Mike, he should be listed with the HONOR ROLL . That is truly an exhibit of the brotherhood and helping each other that exemplifies the QRP ham( I won't go so far with general hams). BTW, wonder what his call is?

Donald E. Sanders W4BWS  
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937  
407-779-0222 Fax 407-779-0830  
E-mail to w4bws@juno.com  
My favorite QRP rig glows in the dark

On Tue, 16 Dec 1997 09:26:03 -0800 "Michael A. Gipe"  
<mgipe@reliablemeters.com> writes:

>Gang --

>

>I received a very interesting envelope in yesterday's mail. Inside  
>was a  
>QSL card for my QSO with Norfolk Island VK9, and a letter from the ham  
>in  
>Brazil who sent it. He explained that my QSL was mistakenly included  
>with  
>his in the envelope he received from VK9NL's QSL manager. He decided  
>just  
>to send it directly to me, but he couldn't find my call in the current  
>callbook. The QSO was from my pre-vanity call days. He then sought  
>out  
>and searched through older callbooks until he found my name and  
>address,  
>and mailed the QSL to me.

>

>I was gratified that in these days of greenstamps for QSLs and  
>'supported'  
>DXpeditions, a ham would expend his time and money to forward my QSL.  
>Perhaps we could make him an honorary member of QRP-L.

>

>Mike K1MG

>

>

>

-----

Date: Tue, 16 Dec 1997 14:35:01 EST  
From: w4bws@juno.com (Donald E Sanders)  
To: aa8yo@tir.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [32916] Re: GAP Antennas-Continued  
Message-ID: <19971216.154835.8271.6.W4BWS@juno.com>

I also have had good results on 80 with in the limited bandwidth and with the MFJ tuner outside the 140 Khz normal bandwidth. I also work a lot of DX on 30 meters with the matchbox even though it is not listed for 30 meters. I definitely think it is great for a limited real estate antenna.

Donald E. Sanders W4BWS  
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937  
407-779-0222 Fax 407-779-0830  
E-mail to w4bws@juno.com  
My favorite QRP rig glows in the dark

On Tue, 16 Dec 97 08:44:25 PST "Bob Fox" <aa8yo@tir.com> writes:  
>Gang / John, This totally contradicts my experience with the Gap Titan.  
I've had  
>excellent results with a total bandwidth on all bands except 80 meters,  
where I  
>have 140 kHz - it is very useful indeed on its lowest band.  
>-----SNIP-----

>73 - Bob / AA8YO

>

>~~~~~

> email: aa8yo@tir.com  
> FISTS #3056 QRP-L #1174  
> QRP-ARCI #9487 MI-QRP #1595  
> Dearborn, MI / Grid EN82  
> Bona Fide CW Junkie  
> Amateur Civil War Historian  
>

>~~~~~

>-----

>> John Sielke wrote:

>>

>> > I see they say the guys are not

>> > "necessary." Does that mean that if you live somewhere with NO  
>wind,

>> > you can slip by without guys, or can you really hope the thing  
>will

>> > survive, say 50-60MPH winds (like we have here with Nor'easters)

>> > without guys.

>>  
>> >From personal experience, I can say that the GAP works very well  
>except  
>> for two problems: It is virtually useless on its lowest band, and,  
>it is  
>> mechanically weak. I had great performance on 40M and up, but 75/80  
>was  
>> a dummy load. I have listened to many others and this seems to hold  
>> true.  
>>  
>> Mechanical integrity is poor. I had to resort to many hose clamps  
>to  
>> keep it from coming apart every two weeks or so. I used two sets  
>of  
>> guys, and a rigid mounting to a small structure at about 8 feet.  
>During  
>> one windstorm it still turned into a pretzel. It now resides under  
>my  
>> deck in pieces, waiting for the materials to be used in another  
>project.  
>> When I took it apart, I was amused to find an 80M quarter wave of  
>RG8X  
>> coax folded up inside the upper half of the antenna. No wonder it  
>> didn't work on 80M!  
>>  
>> But, when it was up and working, it was gangbusters on 40M-10M. I  
>have  
>> close to 100 countries worked with 5-100 watts on 40M with this  
>> antenna. It just wouldn't stay up. Pity...  
>>  
>> Cheers,  
>> Ken, N6TZV  
>>  
>>  
>>  
>  
>  
>  
>

-----  
Date: Tue, 16 Dec 1997 11:47:18 -0800 (PST)  
From: "Robert P. Okas" <vintage@best.com>  
To: qrp-1@Lehigh.EDU  
Subject: [32917] NorCal Cascade chip needed  
Message-ID: <Pine.BSF.3.96.971216114125.14057A-1000000@shell114.ba.best.com>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Folks,

After several reports of distorted audio and my own bench testing, I've arrived at the conclusion that there's something amiss in the Vogad chip (Plessey SL6270C). Does anyone know where I can find one in the SF Bay area? FWIW, the Plessey website lists this chip as obsolete...

TIA,  
Bob - W3CD  
Redwood City

-----  
Date: Tue, 16 Dec 97 09:59:47 HST  
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)  
To: qrp-1@Lehigh.EDU  
Subject: [32918] carbon fiber rods  
Message-ID: <9712161959.AA03012@krypton.nmr.Hawaii.Edu>

I just got a great kite building supply catalog. One of the first things I noticed was the vast selection of rods, tubes etc. Many fiberglass, some solid, some hollow. Included are some 78 inch long by 1/2 diameter composition tubes. Perfect for experimenting with winding helicals and topping with a Radio Shack 4 foot SS whip.

Is there a problem with using the fancy new carbon fiber type composition rods for such an application? I am concerned that they may interact with the RF from a helical winding and act as very lossy transformer core material, turning the "antenna" into a heating element.

This looks attractive for a portable antenna, but at QRP levels you can't afford to heat rods.

Some of these items are reasonably priced, some are outrageously priced. They include a 20 foot telescoping pole used as a "banner pole" that looks remarkably like a SLV. They mention that one of their sticks is a perfect replacement for the top section to increase its strength at the top.



-----  
Date: Tue, 16 Dec 1997 18:40:34 +0000  
From: Leon Heller <leon@lfheller.demon.co.uk>  
To: erkki@emt.ee  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [32919] Re: SBL-mixer source needed  
Message-ID: <+5M7YGAissl0EwEQ@lfheller.demon.co.uk>  
MIME-Version: 1.0

In message <199712160950.LAA29685@emt.ee>, Erkki Sadrak <erkki@emt.ee> writes

>Hello  
>  
>Sort of qrp-related question, e.g lots of projects in QRP Power Book.  
>  
>Looking for SBL-1 mixer source, preferably in Europe  
>  
>Any suggestions?  
>  
>Erkki  
>  
>ES1DC  
>  
>

I've got plenty. How many do you need?

73, Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>  
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424  
See <http://www.lfheller.demon.co.uk/rcm.htm> for details of a  
low-cost reconfigurable computing module using the XC6216 FPGA

-----  
Date: Tue, 16 Dec 97 21:15:47 UT  
From: "LLOYD DEEM" <WH6CDU@classic.msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [32920] RE: FOX: Sometime you should identify--when?  
Message-ID: <UPMAIL18.199712162117460586@classic.msn.com>

It really doesn't matter if you think the contest or the net is a single communication you still must ID EVERY 10 MINUTES

LLOYD wh6cdu

-----

From: owner-qrp-1@Lehigh.EDU on behalf of Vic Rosenthal  
Sent: Friday, December 12, 1997 11:21 AM  
To: Low Power Amateur Radio Discussion  
Subject: Re: FOX: Sometime you should identify--when?

James C. Owen, III wrote:

> 97.119 Station identification  
> (a) Each amateur station, ....., must transmit its assigned call  
> sign on  
> its transmitting channel at the end of each communication, and at  
> least  
> every 10 minutes during a communication  
>  
> Now the question is, in a contest exchange is the definition of "end  
> of each  
> communication" the end of each contact or the end of the contest? In a  
> contest or even a net you haven't stopped the communication until the  
> end.

Interestingly, I looked in the 'definitions' section of part 97, and the word 'communication' was not included!

Vic K2VCO

-----

Date: Tue, 16 Dec 1997 16:17:54 -0500  
From: Ed Tanton <n4xy@bellsouth.net>  
To: mike@krypton.nmr.Hawaii.Edu  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [32921] Re: carbon fiber rods  
Message-ID: <3.0.1.32.19971216161754.00ad1800@mail.atl.bellsouth.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Easiest way to find out is the old microwave test: put a piece in your microwave oven and fire it up. If it gets hot you have your answer, if it doesn't after repeated tries... you also have your answer.

73

Ed Tanton    N4XY                                 EMAIL: n4xy@bellsouth.net  
189 Pioneer Trail  
Marietta, GA   30068-3466                      TEL: (770)579-3933 V/MBX/FAX

|            |     |                       |                |                  |
|------------|-----|-----------------------|----------------|------------------|
| INTERESTS: | QRP | BoatAnchors           | Test Equipment | Photography      |
| CW: 99.9%  |     | Mercury Paddle # 0214 |                | QRP to 150W: 95% |

"Think you can, think you can't: either way you're right!" Henry Ford

Date: Tue, 16 Dec 1997 16:26:56 -0500  
From: Harry Bump <bump@redrose.net>  
To: "'QRP-L list'" <qrp-l@Lehigh.EDU>  
Subject: [32922] The Norcal Cascade...  
Message-ID: <01BD0A3F.FAED1220@e1-27.redrose.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

Bob, W3CD wrote:

After several reports of distorted audio and my own bench testing, I've arrived at the conclusion that there's something amiss in the Vogad chip (Plessey SL6270C).... the Plessey website lists this chip as = obsolete...

There was talk during the main building push that the Plessey IC was not =  
being continued by the manufacturer; and that it would be very difficult =  
to find replacements (wish I had gotten an extra back then).....add my =  
name to 'the list' of those looking.

After I modified my Cascade with a rear panel switch to 'unbalance' the carrier null for tune-up, I found my audio to be mushy. I had run RG174 = coax from U2 out to the switch on the rear panel where I had grounded = the line from U2 (don't remember - would have to look to see which pin) = through a series 10k ohm resistor..... got rid of the 'mushiness' = by moving the resistor from the switch end of the coax to the U2 = end..... to get off the subject slightly; it's a nice easy way to = throw a carrier to get my St. Louis Tuner setup correctly.

I'm still looking at the power amplifier mod that I did to it. After =

adding extra grounding from the board to the rear panel it has settled =  
down nicely, but the output isn't what I thought it would be..... =  
getting about 1.5 watts on 75m and 4 watts on 20m...

In any case; hope to be running it in the next QRP SSB Sprint!

73, Harry, KM3D

-----  
Date: Tue, 16 Dec 1997 17:25:40  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@Lehigh.EDU  
Subject: [32923] Re: Software  
Message-ID: <3.0.1.16.19971216172540.2c2740d6@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>NOT QRP but .... I would like to know if anyone can tell me if the  
>programs, windraft or winboard are worth getting ????

Save your money!!!

I know someone who just bought winboard. After spending hours trying to get  
it to work, he found out there are some major bugs in the program that  
render it nearly useless. I'm sure he will speak up and you will all know  
who he is.

Just go and down load a copy of Circad from <http://www.holophase.com> It's  
free and works great. I can't say enough good things about Circad. It's  
easy to learn and make a great looking schematic and board.

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----  
Date: Tue, 16 Dec 1997 17:02:33 EST  
From: KD8MK <KD8MK@aol.com>  
To: qrp-l@Lehigh.EDU  
Subject: [32924] 49er

Message-ID: <86848323.34970183@aol.com>  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

I would like to find an unbuilt Nor-Cal 49-er. If anyone out there has one and would like to part with it please Email me. I just got more solder.

Bryan KD8MK  
KD8MK@aol-com

-----  
Date: Thu, 11 Dec 1997 20:50:47 -0600  
From: "Justin Davis" <JustinDD@usa.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [32925] Kenwood TS-830S  
Message-ID: <01bd06a8\$bff4b640\$eb2eca98@noname.cca.rockwell.com>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----=\_NextPart\_000\_0015\_01BD0676.755A4640"

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_0015\_01BD0676.755A4640  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

I Have a TS-830S and am having problems. I try to tune it and the plate =  
will not dip. Then if I ignor this and go to CW mode it will make a =  
strange sound and doesn't work. The plate current in this mode is less =  
than 100 ma and there is a strange smell that follows, although I think =  
that might be the cleaner I cleaned everything with. I am just getting =  
into HF, and plan to start working on some of the small qrp kits but =  
first I want this unit working. Any help in the matter would be =  
appreciated.

Justin Davis KC0ALD/AG

-----=\_NextPart\_000\_0015\_01BD0676.755A4640  
Content-Type: text/html;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">  
<HTML>  
<HEAD>



rhands@hwcen.org  
QRP #464 CQC #362 ARRL

-----  
Date: Tue, 16 Dec 1997 18:29:03 +0000  
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>  
To: erkki@emt.ee  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [32927] Re: SBL-mixer source needed  
Message-ID: <2gigQBAvhs10Ew13@gqrpclub.demon.co.uk>  
MIME-Version: 1.0

In message <199712160950.LAA29685@emt.ee>, Erkki Sadrak <erkki@emt.ee>  
writes

>Hello

>

>Sort of qrp-related question, e.g lots of projects in QRP Power Book.

>

>Looking for SBL-1 mixer source, preferably in Europe

>

>Any suggestions?

>

>Erkki

>

>ES1DC

>

>

Send me your address and I will post one to you, free!

73

--

Frank G3YCC GQRP 042  
QRP Web Page: <http://www.gqrpclub.demon.co.uk>  
Packet: G3YCC@GB7HUL

-----  
Date: Tue, 16 Dec 1997 23:14:52 GMT  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-1@Lehigh.EDU  
Subject: [32928] FOX Scores Dec 16th

Message-ID: <199712162314.XAA03452@chuck.dallas.sgi.com>

1997-1998 FOXHUNT SUMMARY SHEET  
December 16, 1997

Total Number of Q's = 1,336 !!!

FOX SCORES

| CALL   | NAME  | STATE  | # of Q's      |
|--------|-------|--------|---------------|
| N0UR   | Jim   | MN     | 69 + 84 = 153 |
| W7QQQ  | Jack  | AZ     | 65 + 70 = 135 |
| K8CV   | Walt  | MI     | 59 + 49 = 108 |
| N8VAR  | Ron   | OH     | 25 + 28 = 53  |
| N9DD   | Tom   | IN     | 90            |
| KA80KH | Rich  | KY     | 87            |
| W5FN   | Tim   | TX     | 81            |
| K1MG   | Mike  | CA     | 81            |
| K50I   | Tim   | NM     | 69            |
| AE9K   | Brian | WI     | 65            |
| NQ7K   | Mike  | AZ     | 65            |
| AB7TK  | Randy | ID     | 64            |
| VE7CQK | Paul  | Canada | 57            |
| KI7MN  | Bob   | AZ     | 56            |
| W2UX   | Gary  | SC     | 48            |
| NR3Z   | Marty | PA     | 47            |
| KS4L   | Randy | AL     | 42            |
| N0TFI  | Jess  | CO     | 35            |

+-----+  
+  
+ HUNTERS SCORES +  
+  
+-----+

+  
W0CH(19) KK0EVZ(17) B0PTE(7) KB0ROL(6) W0CLR(6) N0HJ(9)  
K0SU(3) N0TFI(12) KB0ZDF(3) N0UR(5) K0CD KB0PI  
WB0T(10) K0GJX(3) AA0ZZ(7) W00Q(4) W0RW(9) KM0II(2)  
W0HEP WM0Q K0FRP K0HUU KQ0I(5) WB0ROQ(2) WB0CLD(2)



KR0I NF0R NI0A(9) KB0VIJ N0BS W0KW WB0ATR  
W0RSP

+

K1MG(19) W1GM(3) AA1MY(6) N10CJ(3) N1QQV(8) K10J(19) KA1AXY  
WA1QVM(4) KC1FB(6) W1LP/MM(4) AK1P(4) N1FN K1CL  
K1RA K1XS W1HUE N1TP(2) K1NY

+

W2UX(8) N2BRT AA2PF(10) W2PFS(6) N2TNN(4) N2TO K2VNM(4)  
N2VPK(4) K2SJB(6) WZ2T(4) K2VCO(16) WJ2V(2) AA2VK  
N2SMH(2) KV2X N2GO(7) KJ2V N2WF(3) WA2TDL N2APB(2)  
N2TSQ N2DBD KG2IM(3) WB2GAI KA2PQY KF2PH AA2YK

+

KJ3V(11) N3KFL N3XRV(5) KA3WMJ(8) KA3EAJ(8) W03B(9) WD3P(5)  
WV3J(4) N3YSI(6) N3NLT N3CEU W3PM(2) NR3Z(2) KT3A(2)  
KD3FG NF3I W3MWY(3) W3GEO KA3K(2) N3YRI W3PNL

+

KU4AF(8) WB4EXW(12) K4CGY(3) WA4CMI(3) N4DD AE4IC(5) KK4KF(4)  
KS4L(4) N4ROA(13) N4JS(4) N4UY(2) KC4MHM K4GT(6)  
K4WZ(4) N4DD N4SO(8) WS4S(2) WD4MSM(10) AE4GX K4PYM  
KS4HQ(2) AC4HF KU4LC N4PK(3) WA4DAI(3) N4KV(3)  
W4YNG N4AC

+

KK5X0(4) N5ALO(4) KI5G K5ON(14) K5ZTY(14) KK6MC/5(14) N5JI(18)  
W5FN(19) W5HNS(13) AB5UA(19) W5XE K5FO(8) KQ5U(14)  
AA5CO(2) K5JHP(16) N5LU(13) K5WO(6) W5JH K5TZY(2)  
K5UP(15) W5SP W5ZH KC5AI W5MN(3) NA5K(4) W5JAY(4)  
W5SNS W5TFB(16) W5VBO(3) KC5AIK(2) K5AO W5SB(9)  
KA5T(13) K5JUC KK5KU KJ5VW K5OI(15) NA5N K5LE(6)  
WA5WHN(2) N5ZN(5) KE5TC(3) AF5Z(5) WA5YFY(2) K5NZ(5)  
K5ID(6) AC5IE(2) N5JKY(2) AA5TA(6) AC5II(3) K5VUU(3)  
N5JIN KI5IB W5USJ

+

N6XU(19) N6WG(10) K06KA(7) W6SIY(4) WE6W(12) WA6NAE(10)  
W6EMD(5) K6RPN AA6R(2) KF6CTA(3) W6SU(7) AC6KW(9)  
KN6YD W6ZH(10) KI6OY W6BAB(11) K6MW(3) WI6I W6EMT(3)  
N6VZ(7) WA6GER AD6AY(4) AC6LA(9) W6EV(3) N6GA(2)  
KD6VIO(3) WA6HHQ K6VNX(9) W6SV N6KR K6MR K6YR  
N6MM(4) W6KI N6ZS

+

NQ7X(20) AB7TT(18) KU7Y(18) N7VE(18) W7QQQ(15) AB7TK(15)  
WW7Y(7) AB7ST(7) N7CTJ(4) W7SSM(7) N7GS(10) NQ7K(6)  
KI7MN(7) N7CQR(2) AB7MY(15) KJ7YN W7GVN(5) AB7OA(6)  
KG7PV N7KT(10) KA7NOC(5) AB7GO WJ7H(2)  
W7JDZ(2) N7MFB(2) K7DBV N7XJW(5) KA7OKH N7IR  
WA7JEG W7UQ

+

KA8OKH(12) KC8EPA WQ8RP W8KC(5) K8DD(3) KB8MCZ WD8KQY(2)  
K8CV(9) KB8AZ WA8GHZ(3) WB8E W8SFF(2) W8RU(3) WK8S

N8ET(2) K8NWD(2) N8CW N8VAR(2) WB8NYV K8FF

+

NF9K(5) WA9YLB W9UQB(7) N9DD(9) KB9IUA(7) N9KW(7) W9KVF(5)  
WA9PWP(8) AF9T(7) W9DZ NN9K WB9HFK(5) W9UQV AE9K  
N9AW WB9LKC N9WAQ K9IA AA9L

+

AL7FS(2)

+

VE3ELA(10) VE3JC(5) VE5RC(13) VE5SP(3) VE6GK(3) VE7CQK(9)  
VE6NJK(5) VE5WF(2)

Chuck Adams K5FO CP-60 RUFZ score of 90,233  
<http://reality.sgi.com/adams> adams@sgi.com

-----  
Date: Tue, 16 Dec 1997 18:15:30 EST  
From: Kc5vvb <Kc5vvb@aol.com>  
To: qrp-1@Lehigh.EDU  
Subject: [32929] UNSUSCRIBE QRP-L  
Message-ID: <2b1861f5.34970b94@aol.com>  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

UNSUSCRIBE QRP-L

-----  
Date: Thu, 11 Dec 1997 17:17:08 -0500  
From: "George F. Allgood" <k4pym@carol.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [32930] Dentron QRP  
Message-ID: <199712162322.SAA03203@mulder.carol.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Season's Greetings!

I've just acquired two QRP rigs made by Dentron. One is for 80 meters, the other for 20 meters. The Model is MLX-MINI. Very hefty little critters. They both contain Red Frequency readouts, and combo meters. They appear to be configured to work both CW and SSB. I hooked the 20 meter rig to my gel-cell and worked VE6 and KV6

around 14.060 this afternoon from S.C.. The output measures about 2.1 watts on 20 meters and have not tried the other one. The rigs appear to be in great shape. Now the question.....does anybody have any documentation on these rigs? The serial number says "experimental". The source from which these bad boys came had zilch for paper work. Perhaps you've heard of these Dentron QRP's. If so, I'd like to get at least a schematic ??

Thank You  
and best wishes for the holiday season!

George K4PYM

-----  
Date: Tue, 16 Dec 1997 18:25:50 -0500  
From: "W2MY & W2MBY" <n2mnn@spacegate.com>  
To: "QRP-L Post" <QRP-L@Lehigh.EDU>  
Subject: [32931] FOX: N/T Fox Friday Night W2MBY  
Message-ID: <002af11232310c7NS@spacegate.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi,

I am the N/T Fox this Friday evening, Dec 19, local time, (Dec 20, 00:00 to 02:00 UTC). I will try 7.141 and hope for bearable BC QRM. I will be using 5 Watts, and a 40 meter vert loop, from NNJ. Code speed may be between 10 to 15 WPM, but please don't be afraid to call me at a much slower rate, as I will slow down and match your speed.

I am currently listed on the schedule as KC2CFZ, (old call), at 02:00 to 04:00 UTC. But from my recent experience, propagation is much better earlier, so thats why I've changed the time to 00:00 to 02:00 UTC.

72,

John, W2MBY  
(11 years old)

-----  
End of QRP-L Digest 941

\*\*\*\*\*

-----